

49051 to 49123—Continued.

49075. *MALUS ANGUSTIFOLIA* Michx. Malaceæ. Apple.
(*Pyrus angustifolia* Ait.)

A tree rarely 30 feet in height, with rigid branches forming a broad, open head, lanceolate-oblong leaves, very fragrant white or pink flowers borne in few-flowered clusters, and very fragrant, pale yellow-green fruits about an inch in diameter. The tree is common in the southeastern United States. (Adapted from *Sargent, Manual of the Trees of North America*, p. 352.)

49076. × *MALUS ATROSANGUINEA* C. Schneid. Malaceæ. Apple.
(*Pyrus atrosanguinea* Hort.)

A handsome floriferous species of doubtful origin. It is probably *Pyrus halliana* × *P. sieboldii*, and resembles it in general but differs in that its deep carmine flowers do not fade to white, in its rather narrower petals, and in its more shining and finally glabrous leaves. The fruit is dark red. (Adapted from *Bailey, Standard Cyclopedia of Horticulture*, vol. 5, p. 2875.)

49077. *MALUS BACCATA* (L.) Moench. Malaceæ. Siberian crab apple.
(*Pyrus baccata* L.)

The crab apple of eastern Siberia is a tall slender tree with white flowers borne on long drooping stems, and very small yellow fruits, from which the calyx falls before the fruit is ripe. (Adapted from *Bulletin of Popular Information, Arnold Arboretum*, No. 22.)

For previous introduction, see S. P. I. No. 44283.

49078. *MALUS CORONARIA* (L.) Mill. Malaceæ. Wild crab apple.
(*Pyrus coronaria* L.)

A beautiful tree, native to the eastern United States. In May it is covered with fragrant rose-colored flowers. The fruits, about 1½ inches in diameter, are yellow-green and valued for making preserves. (Adapted from *Curtis's Botanical Magazine*, pl. 2009.)

49079. × *MALUS DAWSONIANA* Rehder. Malaceæ. Apple.

For description, see S. P. I. No. 49035.

49080. *MALUS FLORIBUNDA* Siebold. Malaceæ. Crab apple.
(*Pyrus pulcherrima* Aschers. and Graebn.)

One of the handsomest of all the crab apples, and one of the earliest to flower. It is a broad shrub with abundant dark-green foliage and a great profusion of pink flowers. The yellow or orange fruits are not much larger than peas. The origin of this plant is uncertain, although it appears to be known in China as a wild plant. (Adapted from *Bulletin of Popular Information, Arnold Arboretum*, No. 22.)

49081. *MALUS HALLIANA* Koehne. Malaceæ. Apple.

Variety *parkmanii*. "The double-flowered form; named for Francis Parkman, the historian, in whose garden near Boston it was first grown in this country." (*L. H. Bailey*.)

49082. *MALUS MICROMALUS* Makino. Malaceæ. Apple.

This little-known species is unusually attractive with its small pink flowers. It is a tree with erect branches which form a narrow pyramidal head; the bark is pale and smooth. (Adapted from *Bulletin of Popular Information, Arnold Arboretum*, vol. 4, p. 12.)